

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A process for preparing aldehydes and alcohols ~~by comprising, subjecting olefins having 6-20 carbon atoms to a rhodium-catalyzed hydroformylation of olefins having 6-20 carbon atoms~~ with subsequent separation by distillation of the output from the hydroformylation reaction into the hydroformylation products and a rhodium-containing solution and recirculation of this solution to the hydroformylation reaction,

wherein

the rhodium concentration of the recirculated rhodium-containing solution is 20-150 ppm by mass.

Claim 2 (Original): The process as claimed in claim 1,

wherein

the rhodium-containing solution comprises the reaction products of the hydroformylation reaction as solvent and the rhodium concentration is set by means of the separation by distillation of the output from the hydroformylation reaction.

Claim 3 (Original): The process as claimed in claim 1,

wherein

the rhodium-containing solution comprises an inert solvent as solvent and the rhodium concentration is set by means of the separation by distillation of the output from the hydroformylation reaction.

Claim 4 (Currently Amended): The process as claimed in ~~any of claims 1 to 3~~ claim
1,

wherein

the rhodium-containing solution comprises the high boilers, aldehydes and alcohols formed in the hydroformylation reaction as solvent and the rhodium concentration is set by means of the proportion of aldehydes and alcohols via the separation by distillation of the output from the hydroformylation reaction.

Claim 5 (Currently Amended): The process as claimed in ~~any of claims 1 to 3~~ claim
1,

wherein

the rhodium-containing solution comprises the aldehydes and alcohols formed in the hydroformylation reaction and an inert solvent as solvents and the rhodium concentration is set by means of the proportion of aldehydes and alcohols via the separation by distillation of the output from the hydroformylation reaction.

Claim 6 (Currently Amended): The process as claimed in ~~any of claims 1 to 5~~ claim
1,

wherein

Texanol, dioctyl phthalate or diisononyl phthalate is used as inert solvent.

Claim 7 (Currently Amended): The process as claimed in ~~any of claims 1 to 6~~ claim
1,

wherein

the rhodium catalysts comprise phosphite ligands.

Claim 8 (Original): The process as claimed in claim 7,
wherein
the rhodium catalysts comprise tris (2,4-di-t-butylphenyl) phosphite as ligand.

Claim 9 (New): The process as claimed in claim 2,
wherein
the rhodium-containing solution comprises the high boilers, aldehydes and alcohols
formed in the hydroformylation reaction as solvent and the rhodium concentration is set by
means of the proportion of aldehydes and alcohols via the separation by distillation of the
output from the hydroformylation reaction.

Claim 10 (New): The process as claimed in claim 2,
wherein
the rhodium-containing solution comprises the aldehydes and alcohols formed in the
hydroformylation reaction and an inert solvent as solvents and the rhodium concentration is
set by means of the proportion of aldehydes and alcohols via the separation by distillation of
the output from the hydroformylation reaction.

Claim 11 (New): The process as claimed in claim 3,
wherein
the rhodium-containing solution comprises the aldehydes and alcohols formed in the
hydroformylation reaction and an inert solvent as solvents and the rhodium concentration is
set by means of the proportion of aldehydes and alcohols via the separation by distillation of
the output from the hydroformylation reaction.

Claim 12 (New): The process as claimed in claim 2,
wherein
Texanol, dioctyl phthalate or diisononyl phthalate is used as inert solvent.

Claim 13 (New): The process as claimed in claim 3,
wherein
Texanol, dioctyl phthalate or diisononyl phthalate is used as the inert solvent.

Claim 14 (New): The process as claimed in claim 5,
wherein
Texanol, dioctyl phthalate or diisononyl phthalate is used as the inert solvent.

Claim 15 (New): The process as claimed in claim 2,
wherein
the rhodium catalysts comprise phosphite ligands.

Claim 16 (New): The process as claimed in claim 3,
wherein
the rhodium catalysts comprise phosphite ligands.

Claim 17 (New): The process as claimed in claim 4,
wherein
the rhodium catalysts comprise phosphite ligands.

Claim 18 (New): The process as claimed in claim 5,
wherein
the rhodium catalysts comprise phosphite ligands.

Claim 19 (New): The process as claimed in claim 6,
wherein
the rhodium catalysts comprise phosphite ligands.

Claim 20 (New): The process as claimed in claim 14,
wherein
the rhodium catalysts comprise phosphite ligands.